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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

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I	Confirmation Number	4704					
	Application Number	10/731,258					
L	Filing Date	December 9, 2003					
I	First Named Inventor	James M. Peck					
L	Group Art Unit	1791					
	Examiner Name	Mathieu Vargot					
I	Attorney Docket Number	VTN0632USNP					

		Shee	t 1 of 3	Attorney	Attorney Docket Number VTN0632USNP		
				U.S. PATENT DOCUMENTS			
Examiner Initials	Cite	U.S. Patent Doc	ument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	
		3394717		Hollinger	07/30/1968		
		4129211		Clement et al.	12/12/1978		
		4858754		Wright et al.	8/22/1989		
		4949959		Sauber et al.	7/24/1990		
		5084393		Rogalsky, Alena	1/28/1992		
		5130011		Sage, Jr.	7/14/1992		
		5760100		Nicolson et al.	6/2/1998		
		5776999	B1	Nicolson et al.	11/21/2000		
		5789461	B1	Nicolson et al.	11/21/2000		
		5849811	B1	Nicolson et al.	11/14/2000		
		5972292		DeMeo, Gaetano	10/26/1999		
		6042230		Neadle et al.	3/28/2000		
		6050398		Wilde et al.	4/18/2000		
		6082533		Smith et al.	7/4/2000		
		6244430		Travis	6/12/2001		
		6286666		Umdasch, Stefan	9/1/2001		
		6318548	B1	Travis	11/20/2001		
		6398018	B1	Livesley et al.	6/4/2002		
		6474465	B1	Jux	11/5/2002		

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Examiner Name	Mathieu Vargot					
Attorney Docket Number	VTN0632USNP					

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document  Kind Code²  Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
6531432 7225919 B2		Molock et al.	3/11/2003 6/5/2007			
		2002/0046958 A1		Lipscomb et al.	4/25/2002	

## FOREIGN PATENT DOCUMENTS

TOTALIST ATENT DOGGNERTO									
Examiner Initials	Cite No.1	Foreign Patent Document  Office <sup>3</sup> Number <sup>4</sup> KindCode <sup>5</sup>			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>	
		EP	604177	A2	Abrams, Richard	6/29/1994			
		wo	98/21995	A1	Lloyd, Davis, James	5/28/1998			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner's Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>				
		TechBriefs www.brushwellman.com shows SPI-SPE finish number relative to RMS surface roughness measured in microinches					

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Signature	Considered	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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